

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050108

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0734192 A2 (SIEMENS AKTIENGESSELLSCHAFT), 25 Sept 1996 (25.09.1996), whole document --	1-13
A	US 20030100299 A1 (YIU FAI KO ET AL), 29 May 2003 (29.05.2003), figure 5, paragraph (0017) - (0021), (0033) --	1-13
A	US 6542739 B1 (WILLIAM B. GARNER), 1 April 2003 (01.04.2003), figure 11C, paragraph (0025), column 91 --	1-13
A	US 20010012775 A1 (EDWARD J. MODZELESKY ET AL), 9 August 2001 (09.08.2001), paragraph (0163) --	1-13



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 October 2004

Date of mailing of the international search report

01-11-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Stefan Hansson/MP

Telephone No. +46 8 782 25 00

# INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2004

International application No.

PCT/FI 2004/050108

EP	0734192	A2	25/09/1996	NONE		
US	20030100299	A1	29/05/2003	EP	1446962 A	18/08/2004
				GB	0128168 D	00/00/0000
				GB	2382502 A	28/05/2003
				WO	03047280 A	05/06/2003
US	6542739	B1	01/04/2003	US	6243580 B	05/06/2001
				CA	2261410 A,C	12/08/1999
				US	6058307 A	02/05/2000
				US	6112085 A	29/08/2000
				US	6411806 B	25/06/2002
				AU	1143097 A	19/06/1997
				CA	2217038 A,C	05/06/1997
				US	5926745 A	20/07/1999
				US	6343205 B	29/01/2002
				WO	9720362 A	05/06/1997
				AU	1276397 A	19/06/1997
				CA	2238646 A,C	05/06/1997
				US	6477370 B	05/11/2002
				WO	9720401 A	05/06/1997
				US	5842125 A	24/11/1998
				US	6272338 B	07/08/2001
				US	6529731 B	04/03/2003
				US	20010012775 A	09/08/2001
US	20010012775	A1	09/08/2001	US	6529731 B	04/03/2003
				US	6272338 B	07/08/2001
				AU	1143097 A	19/06/1997
				CA	2217038 A,C	05/06/1997
				US	5842125 A	24/11/1998
				WO	9720362 A	05/06/1997
				US	6058307 A	02/05/2000
				US	6112085 A	29/08/2000
				US	6243580 B	05/06/2001
				US	6411806 B	25/06/2002
				US	6542739 B	01/04/2003